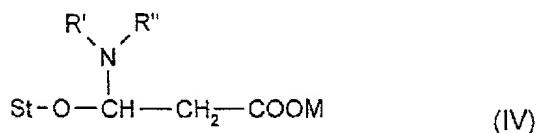
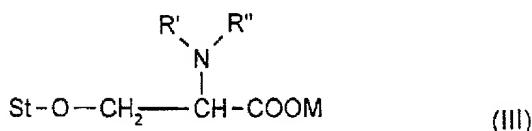
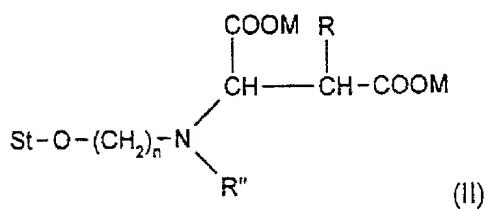
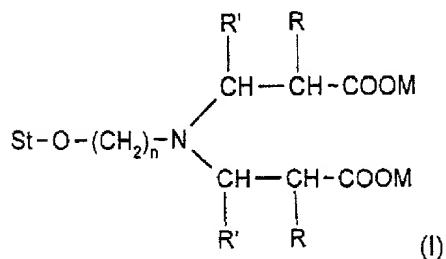


WHAT IS CLAIMED IS:

1. A cosmetic composition comprising, in a cosmetically acceptable aqueous medium, a washing base and at least one amphoteric starch chosen from the compounds of formulae (I) to (IV):



wherein:

- St-O is a starch moiety;
- R, which may be identical or different, are each chosen from a hydrogen atom and a methyl group;
- R', which may be identical or different, are each chosen from a hydrogen atom, a methyl group, and a -COOH group;
- n is chosen from integers ranging from 2 to 3;
- M, which may be identical or different, are each chosen from a hydrogen atom, an alkali metal, an alkaline-earth metal, NH₄, quaternary ammonium compounds, and organic amines; and
- R", which may be identical or different, are each chosen from a hydrogen atom and alkyl groups comprising from 1 to 18 carbon atoms,

wherein said composition is a detergent and conditioning composition, and

wherein said composition is free of fatty acid soaps.

2. A composition according to claim 1, wherein said at least one amphoteric starch is chosen from the compounds of formula (I) and (II).

3. A composition according to claim 2, wherein R, R' and R" are hydrogen and n is equal to 2.

4. A composition according to claim 1, wherein said washing base comprises at least one surfactant chosen from anionic, amphoteric and nonionic surfactants.

5. A composition according to claim 1, wherein said washing base comprises at least one anionic surfactant.

6. A composition according to claim 1, wherein said washing base is present in an amount ranging from 4% and 50% by weight, relative to the total weight of the composition.

7. A composition according to claim 6, wherein said washing base is present in an amount ranging from 6% to 35% by weight, relative to the total weight of the composition.

8. A composition according to claim 7, wherein said washing base is present in an amount ranging from 8% to 25% by weight, relative to the total weight of the composition.

9. A composition according to claim 1, wherein said at least one amphoteric starch is present in an amount ranging from 0.01% to 10% by weight, relative to the total weight of the composition.

10. A composition according to claim 9, wherein said at least one amphoteric starch is present in an amount ranging from 0.1% to 5% by weight, relative to the total weight of the composition.

11. A composition according to claim 1 further comprising at least one cationic polymer.

12. A composition according to claim 11, wherein said at least one cationic polymer is chosen from quaternary cellulose ether derivatives, cationic cyclopolymers, cationic polysaccharides, quaternary polymers of vinylpyrrolidone and quaternary polymers of vinylimidazole.

13. A composition according to claim 12, wherein said cationic cyclopolymers are chosen from diallyldimethylammonium chloride homopolymers and copolymers of diallyldimethylammonium chloride and acrylamide.

14. A composition according to claim 12, wherein said quaternary cellulose ether derivatives are chosen from hydroxyethylcelluloses which have reacted with an epoxide substituted with a trimethylammonium group.

15. A composition according to claim 12, wherein said cationic polysaccharides are chosen from guar gums modified with a 2,3-epoxypropyltrimethylammonium salt.

16. A composition according to claim 11, wherein said at least one cationic polymer is present in an amount ranging from 0.001% to 10% by weight, relative to the total weight of the composition.

17. A composition according to claim 16, wherein said at least one cationic polymer is present in an amount ranging from 0.005% to 5% by weight, relative to the total weight of the composition.

18. A composition according to claim 17, wherein said at least one cationic polymer is present in an amount ranging from 0.01% to 3% by weight, relative to the total weight of the composition.

19. A composition according to claim 1 further comprising at least one silicone.

20. A composition according to claim 19, wherein said at least one silicone is chosen from non-volatile polyorganosiloxanes.

21. A composition according to claim 20, wherein said non-volatile polyorganosiloxanes are chosen from polyalkylsiloxanes, polyarylsiloxanes, polyalkylarylsiloxanes, silicone gums, silicone resins, and polyorganosiloxanes modified with organofunctional groups.

22. A composition according to claim 21, wherein said polyalkylsiloxanes are chosen from polydimethylsiloxanes comprising trimethylsilyl end groups, polydimethylsiloxanes comprising dimethylsilanol end groups, and

poly(C₁-C₂₀)alkylsiloxanes.

23. A composition according to claim 21, wherein said polyalkylarylsiloxanes are chosen from

linear polydimethylmethylphenylsiloxanes,
branched polydimethylmethylphenylsiloxanes,
linear polydimethyldiphenylsiloxanes, and
branched polydimethylmethylphenylsiloxanes.

24. A composition according to claim 23, wherein said polyalkylarylsiloxanes have a kinematic viscosity ranging from 1 x 10⁻⁵ m²/s to 5 x 10⁻² m²/s at 25°C.

25. A composition according to claim 21, wherein said silicone gums are chosen from polydiorganosiloxanes with number-average molecular masses ranging from 200,000 to 1,000,000.

26. A composition according to claim 25, wherein said silicone gums are used alone or in combination with at least one solvent.

27. A composition according to claim 21, wherein said silicone resins are chosen from resins comprising at least one unit chosen from R₃SiO_{1/2}, R₂SiO_{2/2}, RSiO_{3/2}, and SiO_{4/2}, wherein R, which may be identical or different, are each chosen from hydrocarbon-based groups comprising 1 to 16 carbon atoms and phenyl groups.

28. A composition according to claim 27, wherein said silicone resins are chosen from resins comprising the following units: R₃SiO_{1/2}, R₂SiO_{2/2}, RSiO_{3/2}, and SiO_{4/2}.

29. A composition according to claim 21, wherein said organomodified silicones are chosen from silicones comprising, in their structure, at least one organofunctional group attached via a hydrocarbon-based radical.

30. A composition according to claim 19, wherein said at least one silicone is chosen from polyalkylsiloxanes comprising trimethylsilyl end groups, polyalkylsiloxanes comprising dimethylsilanol end groups, polyalkylarylsiloxanes, combinations of polydimethylsiloxanes comprising at least one gum and at least one oil of different viscosities, combinations of organosiloxanes and cyclic silicones, and polyorganosiloxane resins.

31. A composition according to claim 19, wherein said at least one silicone is present in an amount ranging from 0.001% to 20% by weight, relative to the total weight of the composition.

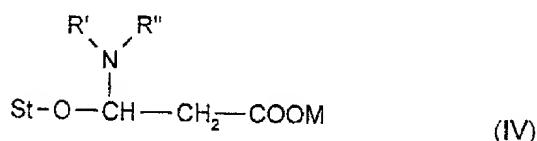
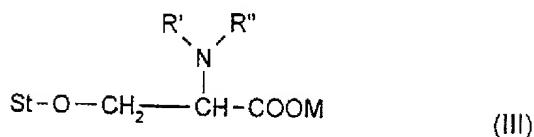
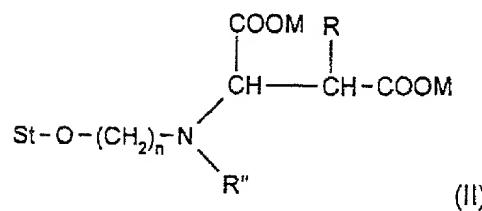
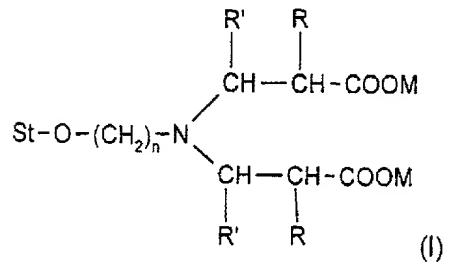
32. A composition according to claim 31, wherein said at least one silicone is present in an amount ranging from 0.01% and 10% by weight, relative to the total weight of the composition.

33. A composition according to claim 1 further comprising at least one additive chosen from C₁₀-C₁₈ 1,2-alkanediols and fatty alkanolamides derived from monoethanolamine, C₁₀-C₁₈ 1,2-alkanediols and fatty alkanolamides derived from diethanolamine, silicone sunscreens, non-silicone sunscreens, cationic surfactants, anionic polymers, nonionic polymers, amphoteric polymers, proteins, protein hydrolysates, ceramides, pseudoceramides, fatty acids comprising at least one chain chosen from linear and branched C₁₂-C₄₀ chains, 18-methyleicosanoic acid, hydroxy acids, vitamins, provitamins, panthenol, plant oils, animal oils, mineral oils and synthetic oils.

34. A composition according to claim 33, wherein said at least one additive is present in an amount ranging from greater than 0% to 20% by weight, relative to the total weight of the composition.

35. A cosmetic composition comprising, in a cosmetically acceptable aqueous

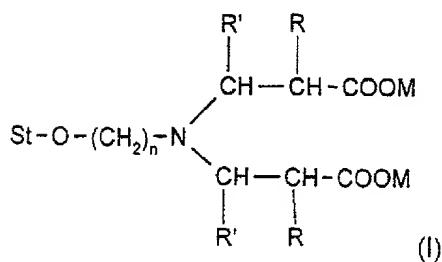
medium, a washing base and at least one amphoteric starch chosen from the compounds of formulae (I) to (IV):

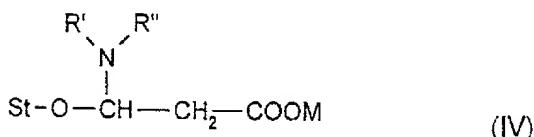
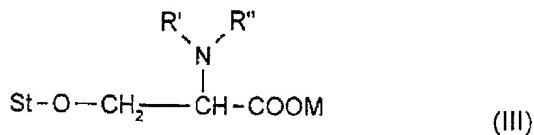
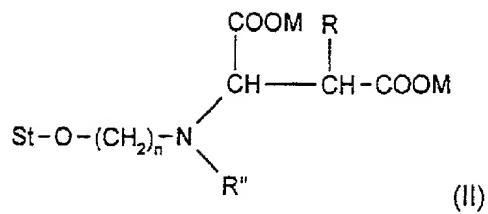


wherein:

- St-O is a starch moiety;
- R, which may be identical or different, are each chosen from a hydrogen atom and a methyl group;
- R', which may be identical or different, are each chosen from a hydrogen atom, a methyl group, and a -COOH group;
- n is chosen from integers ranging from 2 to 3;
- M, which may be identical or different, are each chosen from a hydrogen atom, an alkali metal, an alkaline-earth metal, NH₄, quaternary ammonium compounds, and organic amines; and
- R", which may be identical or different, are each chosen from a hydrogen atom and alkyl groups comprising from 1 to 18 carbon atoms,

36. A cosmetic composition comprising, in a cosmetically acceptable aqueous medium, a washing base and at least one amphoteric starch chosen from the compounds of formulae (I) to (IV):





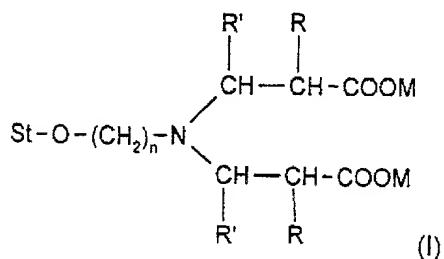
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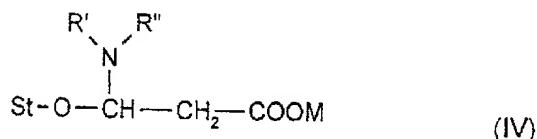
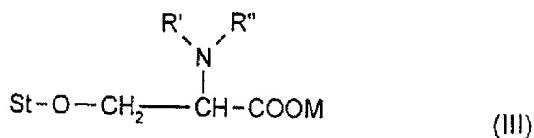
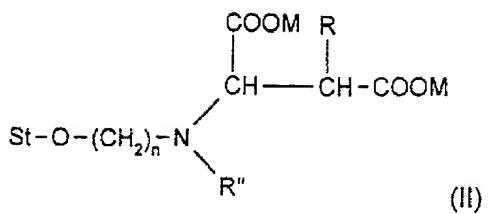
wherein:

- St-O is a starch moiety;
- R, which may be identical or different, are each chosen from a hydrogen atom and a methyl group;
- R', which may be identical or different, are each chosen from a hydrogen atom, a methyl group, and a -COOH group;

- n is chosen from integers ranging from 2 to 3;
- M, which may be identical or different, are each chosen from a hydrogen atom, an alkali metal, an alkaline-earth metal, NH₄, quaternary ammonium compounds, and organic amines; and
- R'', which may be identical or different, are each chosen from a hydrogen atom and alkyl groups comprising from 1 to 18 carbon atoms,
wherein said composition is a conditioning composition, and
wherein said composition is free of fatty acid soaps.

37. A process for at least partially removing make-up from keratin materials comprising applying to said keratin materials an amount of a composition effective to at least partially remove said makeup, said composition comprising, in a cosmetically acceptable aqueous medium, a washing base and at least one amphoteric starch chosen from the compounds of formulae (I) to (IV):





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wherein:

- St-O is a starch moiety;
- R, which may be identical or different, are each chosen from a hydrogen atom and a methyl group;
- R', which may be identical or different, are each chosen from a hydrogen atom, a methyl group, and a -COOH group;
- n is chosen from integers ranging from 2 to 3;

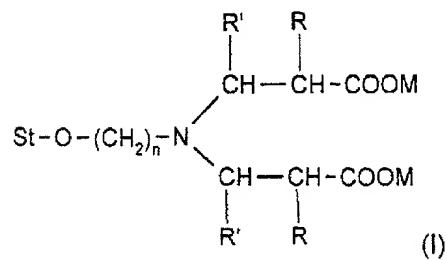
- M, which may be identical or different, are each chosen from a hydrogen atom, an alkali metal, an alkaline-earth metal, NH₄, quaternary ammonium compounds, and organic amines; and

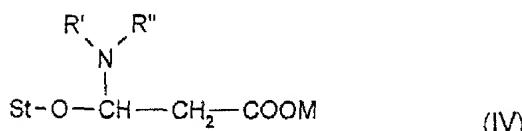
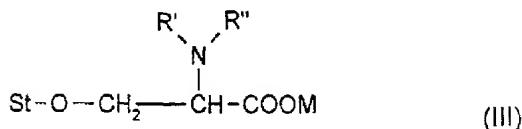
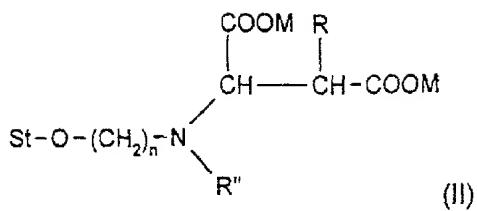
- R", which may be identical or different, are each chosen from a hydrogen atom and alkyl groups comprising from 1 to 18 carbon atoms,

wherein said composition is free of fatty acid soaps.

38. A process according to claim 37, wherein said keratin materials are chosen from skin and hair.

39. A process for conditioning a keratin material comprising applying to said keratin material an amount of a composition effective to condition said keratin materials, said composition comprising, in a cosmetically acceptable aqueous medium, a washing base and at least one amphoteric starch chosen from the compounds of formulae (I) to (IV):





100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000 10100 10200 10300 10400 10500 10600 10700 10800 10900 11000 11100 11200 11300 11400 11500 11600 11700 11800 11900 12000 12100 12200 12300 12400 12500 12600 12700 12800 12900 13000 13100 13200 13300 13400 13500 13600 13700 13800 13900 14000 14100 14200 14300 14400 14500 14600 14700 14800 14900 15000 15100 15200 15300 15400 15500 15600 15700 15800 15900 16000 16100 16200 16300 16400 16500 16600 16700 16800 16900 17000 17100 17200 17300 17400 17500 17600 17700 17800 17900 18000 18100 18200 18300 18400 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wherein:

- St-O is a starch moiety;
- R, which may be identical or different, are each chosen from a hydrogen atom and a methyl group;
- R', which may be identical or different, are each chosen from a hydrogen atom, a methyl group, and a -COOH group;
- n is chosen from integers ranging from 2 to 3;

- M, which may be identical or different, are each chosen from a hydrogen atom, an alkali metal, an alkaline-earth metal, NH_4 , quaternary ammonium compounds, and organic amines; and

- R", which may be identical or different, are each chosen from a hydrogen atom and alkyl groups comprising from 1 to 18 carbon atoms,

wherein said composition is free of fatty acid soaps.

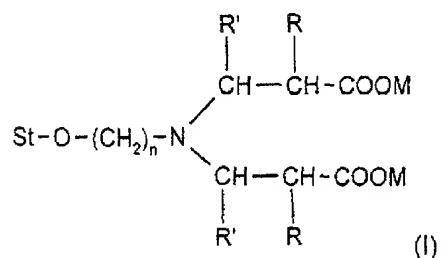
40. A process according to claim 39, wherein said keratin material is hair.

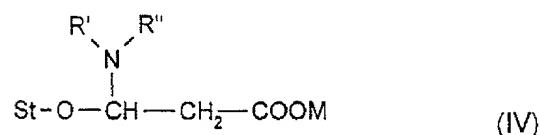
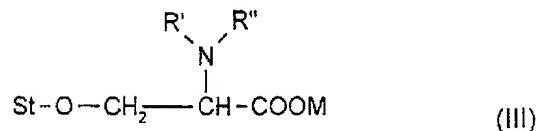
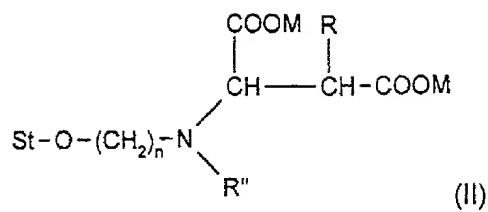
41. A process for washing and conditioning a keratin material comprising:

(a) applying to said keratin material an effective amount of a composition to wash and condition said keratin material; and

(b) rinsing said keratin material with water.

wherein said composition comprises, in a cosmetically acceptable aqueous medium, a washing base and at least one amphoteric starch chosen from the compounds of formulae (I) to (IV):





50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500 505 510 515 520 525 530 535 540 545 550 555 560 565 570 575 580 585 590 595 600 605 610 615 620 625 630 635 640 645 650 655 660 665 670 675 680 685 690 695 700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900 905 910 915 920 925 930 935 940 945 950 955 960 965 970 975 980 985 990 995 1000

wherein:

- St-O is a starch moiety;
- R, which may be identical or different, are each chosen from a hydrogen atom and a methyl group;
- R', which may be identical or different, are each chosen from a hydrogen atom, a methyl group, and a -COOH group;
- n is chosen from integers ranging from 2 to 3;

- M, which may be identical or different, are each chosen from a hydrogen atom, an alkali metal, an alkaline-earth metal, NH₄, quaternary ammonium compounds, and organic amines; and

- R", which may be identical or different, are each chosen from a hydrogen atom and alkyl groups comprising from 1 to 18 carbon atoms,

wherein said composition is free of fatty acid soaps.

42. A process according to claim 41, wherein said keratin material is wet before applying said composition.

43. A process according to claim 41, wherein said composition is left to stand on said keratin material for a period of time.

44. A process according to claim 41, wherein said keratin material is hair.